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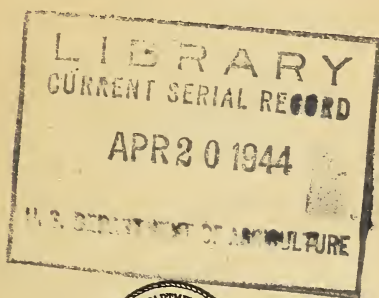
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UNITED STATES
DEPARTMENT OF AGRICULTURE

Miscellaneous Publication No. 446

Publications and Visual
Information on Soil
Conservation

Revised January 1944



Compiled by
ETTA G. ROGERS
DIVISION OF INFORMATION
SOIL CONSERVATION SERVICE

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Washington, D. C.

Issued May 1941
Revised January 1944

HOW PUBLICATIONS MAY BE OBTAINED

The publications, conservation charts, and posters of the Soil Conservation Service may be obtained from the United States Department of Agriculture, Washington 25, D. C., or from the nearest regional or State office of the Soil Conservation Service.

Free distribution is limited to not more than one copy each of five different nontechnical publications. However, larger numbers can be sent free to Federal and State Government agencies, libraries, educational institutions, and educators. Requests should give official or educational mailing addresses to receive special consideration. Free copies of publications, charts, and posters cannot be sent to students. The items marked by an asterisk can be sent free only to official agricultural and educational addresses, libraries, and to journal and periodical offices. There are no free copies of the items listed as "for sale only," and copies must be purchased at the prices quoted.

Instructions for Purchasing.—Remittances for the items available only by purchase must be made payable by check or money order to the Superintendent of Documents, United States Government Printing Office, Washington 25, D. C., and sent direct to that office. Stamps and worn coins are not accepted. The Department of Agriculture does not sell publications, and **remittances should not be directed to the Soil Conservation Service or to the Department of Agriculture.**

Soil Conservation, the official monthly periodical of the Soil Conservation Service, contains current information on the soil conservation program. Free distribution is restricted to workers and official cooperators of the Department engaged in soil conservation activities, to libraries, agricultural colleges, experiment stations and similar institutions, to exchanges, and to the press. Persons not entitled to free copies may buy single issues at 10 cents each, or subscriptions at \$1 yearly domestic; \$1.50 foreign. (See instructions for purchasing.)

Publications in the Physical Land Survey series contain text and maps showing the physical characteristics and the land capabilities of representative areas throughout the country. The local Soil Conservation Service office supplies farmers and landowners within the surveyed area with the report and specific maps covering their farms. Other free distribution is restricted to agricultural offices and workers, official cooperators, libraries, and to educators and educational institutions.

The publications that are out of print, as well as all other printed publications of the Soil Conservation Service, are on file in all principal agricultural and depository libraries in the United States.

New publications issued by the Soil Conservation Service are announced in the Monthly List of Publications of the United States Department of Agriculture, which is available on application to the Office of Information, United States Department of Agriculture, Washington 25, D. C.

SPECIAL WARTIME PUBLICATIONS OF THE SOIL CONSERVATION SERVICE

The following bulletins were designed especially to fill the needs for farming practices that will conserve the soil and increase crop yields during the pressure of wartime production. Orders should be sent to the Soil Conservation Service, Washington 25, D. C., or to its regional and State offices.

Conserve soil.

- Contoured Acres Fight.¹ U. S. Department of Agriculture. 15 pp. 1943.
- Erosion Lowers Wartime Production on Northeastern Farms. Misc. Pub. 516. 16 pp. 1943.
- First Things First: A Call for Immediate Enlistment in Soil Conservation.¹ AWI-22. 6 pp. 1943.
- Food for Freedom by Better Range-Conservation Practices in the Pacific Northwest. Misc. Pub. 514. 19 pp. 1943.
- Improving Range Conditions for Wartime Livestock Production. Farmers' Bul. 1921. 18 pp. 1942.
- Protect Terrace Outlets With Grass for Food Production. AWI-79. 8 pp. 1943.
- Strip Cropping for War Production. Farmers' Bul. 1919. 46 pp. 1943.
- Wartime Farming on the Southern Great Plains. Misc. Pub. 496. 10 pp. 1942.
- Wartime Farming on the Northern Great Plains. Misc. Pub. 497. 18 pp. 1942.

Increase Yields.

- Better Harvests through Conservation Farming. 10 pp. 1941.
- Contour Farming Boosts Yields: A Farmer's Guide in Laying Out Key Contour Lines and Establishing Grassed Waterways.¹ AWI-23. 5 pp. 1943.
- Farming for Greater Production of War Crops in the Intermountain and Southwestern Country. Misc. Pub. 517. 10 pp. 1943.
- Fish for Food from Farm Ponds. Farmers' Bul. 1938. 22 pp. 1943.
- Good Pastures. Farmers' Bul. 1942. 22 pp. 1943.
- More Food through Conservation Farming. Farmers' Bul. 1909. 53 pp. Slightly revised 1943.
- Strip Cropping for Bigger Yields.¹ AWI-21. 6 pp. 1943.
- Teamwork to Save Soil and Increase Production. Misc. Pub. 486. 64 pp. 1942.
- Wartime Harvests from Farm Woodlands. AWI-80. 8 pp. 1944.

¹ These leaflets were prepared by the Soil Conservation Service with the cooperation of the Extension Service and AAA of the U. S. Department of Agriculture. Copies are available through the State and County War Boards, as well as from the field offices of the Soil Conservation Service.

PUBLICATIONS OF NATIONAL INTEREST

(See also Research and Technical Publications)

Unnumbered.

- Better Harvests through Conservation Farming. 10 pp. 1941. 5¢.
 Guarding a Heritage. 11 pp. 1941. 5¢.
 The Land We Defend. 14 pp. 1940.
 On the Level: Contour Cultivation in Conservation Farming. 1942.
 Report of the Chief of the Soil Conservation Service, 1942. 10¢.* (Report for 1935, out of print; 1936, 10¢; 1937, 10¢; 1939, 15¢; 1940, 10¢; and 1941, 10¢.)*
 Soil Conservation. Official monthly publication. 10¢ a copy, \$1.00 yearly domestic, \$1.50 foreign.*
 Soils and Security. 25 pp. 1941. 5¢.
 A Standard State Soil Conservation Districts Law. 64 pp. 1936. 10¢.*
 Ten Billion Little Dams. 20 pp. Revised 1939.
 The Work of the Soil Conservation Service. 12 pp. 1941. 5¢.

Farmers' Bulletins.

- 1758 F. Cover Crops for Soil Conservation. 14 pp. Revised 1942. 10¢.
 1789 F. Terracing for Soil and Water Conservation. 59 pp. Slightly revised 1938. 10¢.
 1813 F. Prevention and Control of Gullies. 59 pp. 1939. 10¢.
 1814 F. Terrace Outlets and Farm Drainageways. 46 pp. 1939. 10¢.
 1853 F. Classifying Land for Conservation Farming. 1943. 10¢.
 1859 F. Stock-Water Developments: Wells, Springs, and Ponds. 70 pp. 1940. 10¢.
 1879 F. Ponds for Wildlife. 46 pp. 1941. 10¢.
 1900 F. Pastures to Hold and Enrich the Soil. 29 pp. Slightly revised 1942. 10¢.
 1909 F. More Food through Conservation Farming. 54 pp. Slightly revised 1943. 10¢.
 1917 F. Stubble-Mulch Farming for Soil Defense. 24 pp. 1942. 10¢.
 1919 F. Strip Cropping for War Production. 46 pp. 1943. 10¢.
 1938 F. Fish for Food from Farm Ponds. 22 pp. 1943. 10¢.
 1940 F. Woodlands in the Farm Plan. 22 pp. 1943. 10¢.
 1942 F. Good Pastures. 22 pp. 1943. 10¢.

Leaflets.

- 163 L. Legumes in Soil Conservation Practices. 8 pp. 1938. 5¢.
 164 L. Erosion on Roads and Adjacent Lands. 8 pp. 1938. 5¢.
 165 L. Soil-Depleting, Soil-Conserving, and Soil-Building Crops. 8 pp. 1938. 5¢.
 188 L. Protecting Field Borders. 8 pp. Revised 1941. 5¢.
 208 L. Intensive Projects under the Cooperative Farm Forestry Act. 6 pp. 1941. 5¢.
 214 L. Plowing Terraced Land. 6 pp. 1942. 5¢.

Miscellaneous Publications.

- 253 MP. Conservation Farming Practices and Flood Control. 16 pp. 1936. 10¢.
 286 MP. What is Soil Erosion? 85 pp. 1938. 15¢.
 293 MP. Soil Conservation Districts for Erosion Control. 19 pp. 1937. 10¢.*
 303 MP. Native Woody Plants of the United States: Their Erosion-Control and Wildlife Values. 362 pp. Slightly revised 1939. \$1.75, buckram-bound.*
 312 MP. Bibliography on Soil Erosion and Soil and Water Conservation. 651 pp. 1938. 60¢.*
 321 MP. To Hold This Soil. 123 pp. 1938. 45¢.*
 352 MP. Soil Conservation Survey Handbook. 40 pp. 1939. 20¢.*
 372 MP. A Survey and Discussion of Lysimeters and a Bibliography on Their Construction and Performance. 68 pp. 1940. 10¢.*
 380 MP. Snow Surveying. 46 pp. 1940. 10¢.*
 394 MP. Farms the Rains Can't Take. 14 pp. 1942. 5¢.

*See p. 3 for free distribution restrictions and instructions on how to purchase.

- 404 MP. The Slotted-Templet Method for Controlling Maps Made from Aerial Photographs. 30 pp. 1940. 15¢.*
- 411 MP. Working Plans for Permanent Farms. 41 pp. 1940. 15¢..
- 412 MP. Legumes for Erosion Control and Wildlife. 153 pp. 1941. 65¢.*
- 444 MP. Wildlife and Land Use Patterns. 73 pp. 1942. Out of print.
- 448 MP. Soil Conservation Districts in Action on the Land. 25 pp. 1941. 15¢.
- 449 MP. Early American Soil Conservationists. 63 pp. 1941. 15¢.*
- 463 MP. A Method of Estimating the Economic Effects of Planned Conservation on an Individual Farm. 28 pp. 1942. 10¢.*
- 486 MP. Teamwork to Save Soil and Increase Production. 64 pp. 1942. 20¢.
- 494 MP. Using Crop Residues for Soil Defense. 16 pp. 1942. 5¢.
- 528 MP. Techniques of Fishpond Management. 22 pp. 1943. 10¢.*

DRAINAGE AND IRRIGATION PUBLICATIONS

The drainage and irrigation publications of the extinct Bureau of Agricultural Engineering were transferred to the Soil Conservation Service in July 1939 with the transfer of those programs. Some of these publications have been revised and the bulletins dealing with these programs issued since 1939 were prepared by the Soil Conservation Service.

Farmers' Bulletins.

- 805 F. The Drainage of Irrigated Farms. 32 pp. Revised 1937. 5¢.
- 1243 F. Border Method of Irrigation. 21 pp. Revised 1937. (Out of print.)
- 1348 F. Corrugation Method of Irrigation. 24 pp. Revised 1931. 5¢.*
- 1518 F. Orchard Irrigation. 28 pp. Slightly revised 1940. 5¢.
- 1556 F. Irrigation of Small Grain. 14 pp. Revised 1940. 5¢.
- 1606 F. Farm Drainage. 24 pp. 1929. 5¢.
- 1630 F. Irrigation Practices in Growing Alfalfa. 26 pp. Revised 1940. 5¢.
- 1683 F. Measuring Water in Irrigation Channels. 30 pp. Revised 1941. 10¢.
- 1814 F. Terrace Outlets and Farm Drainageways. 46 pp. 1939. 10¢.
- 1846 F. Supplemental Irrigation. 74 pp. 1940. 10¢.*
- 1857 F. Small Irrigation Pumping Plants. 1940. 5¢.
- 1859 F. Stock-Water Developments: Wells, Springs, and Ponds. 70 pp. 1940. 10¢.
- 1876 F. Irrigation Problems in Citrus Orchards. 34 pp. 1941. 15¢.
- 1922 F. Practical Irrigation. 69 pp. 1944. 10¢.

Miscellaneous Publications.

- 380 MP. Snow Surveying. 46 pp. 1940. 10¢.

Circulars.

- 546 C. Putting Down and Developing Wells for Irrigation. 85 pp. Revised 1941. 15¢.
- 678 C. Design and Operation of Small Irrigation Pumping Plants. 78 pp. 1943. 15¢.*

Technical Bulletins.

- 578 TB. Spreading Water for Storage Underground. 80 pp. 1937. 20¢.*
- 652 TB. Flow of Water in Irrigation and Similar Canals. 78 pp. 1939. 20¢.*
- 675 TB. Sewage Irrigation as Practiced in the Western States. 60 pp. 1939. 15¢.*

*See p. 3 for free distribution restrictions and instructions on how to purchase.

RESEARCH AND TECHNICAL BULLETINS

Miscellaneous Publications.

- 421 MP. Atlas of Climatic Types in the United States, 1900-1939. 7 pp. with 96 plates. 1941. \$1.25.*
 491 MP. Stratified Flow in Reservoirs and its Use in Prevention of Silting. 46 pp. 1942. 10¢.
 521 MP. The Control of Reservoir Silting. 166 pp. 1943. 25¢.*

Circulars.

- 534 C. Lespedeza Sericea and Other Perennial Lespedezas for Forage and Soil Conservation. 43 pp. 1939. 10¢.
 536 C. The Annual Lespedezas as Forage and Soil-Conserving Crops. 56 pp. 1939. 10¢.
 558 C. Processing Seed of Grasses and Other Plants to Remove Awns and Appendages. 16 pp. 1940. 5¢.
 559 C. Review and Discussion of Literature Pertinent to Crop Rotations for Erodible Soils. 50 pp. 1939. 10¢.
 599 C. A Combination Suspended-Load Sampler and Velocity Meter for Small Streams. 26 pp. 1941. 5¢.
 608 C. Surface Condition of Soil and Time of Application as Related to Intake of Water. 30 pp. 1941. (Out of print.)

Technical Bulletins.

- 524 TB. Silting of Reservoirs. 168 pp. Revised 1939. \$1.00.*
 589 TB. Sources of Moisture for Precipitation in the United States. 42 pp. 1937. 20¢.*
 698 TB. Rainfall Characteristics as Related to Soil Erosion. 44 pp. 1939. 10¢.*
 729 TB. Relative Infiltration and Related Physical Characteristics of Certain Soils. 52 pp. 1940. 10¢.*
 742 TB. Methods of Distinguishing Between the Shipmast and Common Forms of Black Locust on Long Island, N. Y. 24 pp. 1941. 10¢.*
 794 TB. Erodibility Investigations on Some Soils of the Upper Gila Watershed. 32 pp. 1941. 10¢.*
 808 TB. Climate and Accelerated Erosion in the Arid and Semi-Arid Southwest, with Special Reference to the Polacca Wash Drainage Basin, Arizona. 134 pp. 1942. 55¢.*
 817 TB. Measurement of Evaporation from Land and Water Surfaces. 143 pp. 1942. 20¢.*
 819 TB. Drought in the United States Analyzed by Means of the Theory of Probability. 63 pp. 1942. (No distribution for the duration of the war.)
 825 TB. Effect of Mulches and Surface Conditions on the Water Relations and Erosion of Muskingum Soils. 16 pp. 1942. 5¢.*
 837 TB. Investigations in Erosion Control and Reclamation of Eroded Land at the Red Plains Conservation Experiment Station, Guthrie, Okla., 1930-40. 94 pp. 1943. 20¢.*
 859 TB. Investigations in Erosion Control and Reclamation of Eroded Land at the Blackland Conservation Experiment Station, Temple, Tex., 1931-41. 108 pp. 1944. 20¢.*
 860 TB. Investigations in Erosion Control and the Reclamation of Eroded Land at the Palouse Conservation Experiment Station, Pullman, Wash., 1931-42. 83 pp. 1944. 20¢.*

Hydrologic Bulletins.

- Hydrologic Data: North Appalachian Experimental Watershed, Coshocton, Ohio, 1939. Hydrologic Bul. 1. 193 pp. 1941. 40¢.*
 Hydrologic Data: Blacklands Experimental Watershed, Waco, Texas, 1937-1939. Hydrologic Bul. 2. 197 pp. 1942. 40¢.*
 Hydrologic Data: Central Great Plains Experimental Watershed, Hastings, Nebraska, 1938-40. Hydrologic Bul. 3. 148 pp. 1942. 30¢.*
 Hydrologic Data: North Appalachian Experimental Watershed, Coshocton, Ohio, 1940. Hydrologic Bul. 4. 338 pp. 1942. 55¢.*
 The Agriculture, Soils, Geology, and Topography of the Blacklands Experimental Watershed, Waco, Texas. Hydrologic Bul. 5. 38 pp. 1942. 40¢.*

*See p. 3 for free distribution restrictions and instructions on how to purchase.

PUBLICATIONS OF REGIONAL INTEREST

Northeastern Region.

The Northeastern Region of the Soil Conservation Service comprises Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and West Virginia. The regional office is located in the Center Building, 6816 Market Street, Upper Darby, Pa.

Erosion Control in the Northeast. 24 pp. Revised 1938. 10¢.

Erosion Lowers Wartime Production on Northeastern Farms. Misc. Pub. 516. 16 pp. 1943. 10¢.

New Landmarks of Soil Conservation: Northeastern and North Central States. 24 pp. 1941. 10¢.*

Soil Defense in the Northeast. Farmers' Bul. 1810. 70 pp. 1938. 15¢.

Wildlife Management through Soil Conservation on Farms in the Northeast. Farmers' Bul. 1868. 53 pp. 1941. 10¢.

PHYSICAL LAND SURVEYS.

CONNECTICUT:

Erosion and Related Land Use Conditions on the Scantic River Watershed, Connecticut-Massachusetts. Erosion Survey 6. 27 pp. 1939-15¢.*

MAINE:

Erosion and Related Land Use Conditions on the Presque Isle Demonstration Project, Maine. Erosion Survey 19. 38 pp. 1941. 20¢*

MASSACHUSETTS:

Erosion and Related Land Use Conditions on the Scantic River Watershed, Connecticut-Massachusetts. Erosion Survey 6. 27 pp. 1939-15¢.*

NEW YORK:

Physical Land Conditions in Schuyler County, New York. Physical Land Survey 31. (In press.)

PENNSYLVANIA:

Erosion and Related Land Use Conditions in the Conestoga Area, Pennsylvania. Erosion Survey 15. 52 pp. 1940. 40¢.*

Erosion and Related Land Use Conditions on the Crooked Creek Project near Indiana, Pa. Erosion Survey 16. 35 pp. 1940. 20¢.*

VERMONT:

Erosion and Related Land Use Conditions on the Mad River Watershed, Vermont. Erosion Survey 13. 31 pp. 1940. 25¢.*

Southeastern Region.

The Southeastern Region of the Soil Conservation Service comprises Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and Puerto Rico. The regional office is located in the Montgomery Building, 199 North Church Street, Spartanburg, S. C.

The Annual Lespedezas as Forage and Soil-Conserving Crops. Cir. 536. 56 pp. 1939. 10¢.

The Cotton-and-Tobacco South. Misc. Pub. 474. 20 pp. 1941. 10¢.

Early Erosion-Control Practices in Virginia. Misc. Pub. 256. 30 pp. Slightly revised 1938. 10¢.

Fish for Food From Farm Ponds. Farmers' Bul. 1938. 22 pp. 1943. 10¢.

Kudzu for Erosion Control in the Southeast. Farmers' Bul. 1840. 32 pp. 1939. 5¢.

Lespedeza Sericea and Other Perennial Lespedezas for Forage and Soil Conservation. 43 pp. 1939. 10¢.

Mulching to Establish Vegetation on Eroded Areas of the Southeast. Leaflet 190. 8 pp. Revised 1940. 5¢.

New Landmarks of Soil Conservation: Southern States. Misc. Pub. 473. 22 pp. 1942. 10¢.

*See p. 3 for free distribution restrictions and instructions on how to purchase.

The Nichols Terrace: An Improved Channel-Type Terrace for the Southeast. Farmers' Bul. 1790. 13 pp. 1937. 5¢.

Plowing for Terrace Maintenance in the South. 10 pp. 1940. 5¢.

Principles of Gully Erosion in the Piedmont of South Carolina. Tech. Bul. 633. 143 pp. 1939. 65¢.*

Protecting Field Borders. Leaflet 188. 8 pp. 1939. 5¢.

Saving Soil With Sod in the Ohio Valley Region. Farmers' Bul. 1836. 29 pp. 1939. 5¢.

Shrubs for Wildlife on Farms in the Southeast. Leaflet 200. 8 pp. 1940. 5¢.

Soil Defense in the Piedmont. Farmers' Bul. 1767. 60 pp. Revised 1938. 15¢.

Soil Defense in the South. Farmers' Bul. 1809. 64 pp. 1938. 10¢.

The Story of Soil Conservation in the South Carolina Piedmont, 1800-1869. Misc. Pub. 407. 36 pp. 1940. 10¢.*

Terrace Construction with Small Equipment in the South. 12 pp. 1940. 5¢.

Wildlife Conservation through Erosion Control in the Piedmont. Farmers' Bul. 1788. 26 pp. 1937. 5¢.

PUERTO RICO:

La Conservación del Suelo en Puerto Rico. (Soil Conservation in Puerto Rico.) 30 pp. 1941.

Metodos Modernos Para Conservación de Suelos en Puerto Rico. (Modern Methods for Soil Conservation in Puerto Rico.) Reprint in Spanish of July 1940 issue of "Soil Conservation." 36 pp. 1941.

Pastures in Puerto Rico and Their Relation to Soil Conservation. Misc. Pub. 513. 46 pp. May 1943. 10¢.

PHYSICAL LAND SURVEYS.

GEORGIA:

Erosion and Related Land Use Conditions on the Lloyd Shoals Reservoir Watershed, Georgia. Erosion Survey 10. 26 pp. 1940. 35¢.*

Physical Land Conditions in Greene County, Georgia. Physical Land Survey 23. 53 pp. 1941. 40¢.*

Physical Land Conditions in Clarke County, Georgia. Physical Land Survey 35. (in press.)

MISSISSIPPI:

Erosion and Related Land Use Conditions on the Hell and Mud Creeks Demonstration Project, Mississippi. Erosion Survey 12. 25 pp. 1940. 10¢.*

NORTH CAROLINA:

Erosion and Related Land Use Conditions on the Reedy Fork Demonstration Area, North Carolina. Erosion Survey 2. 21 pp. 1938. 10¢.*

Erosion and Related Land Use Conditions on the University Lake Watershed, Chapel Hill, North Carolina. Erosion Survey 8. 16 pp. 1939. 25¢.*

Erosion and Related Land Use Conditions on the Lake Michie Watershed, near Durham, N. C. Erosion Survey 11. 19 pp. 1940. 15¢.*

SOUTH CAROLINA:

Erosion and Related Land Use Conditions on the Spartanburg Municipal Watershed, South Carolina. Erosion Survey 9. 16 pp. 1940. 20¢.*

Upper Mississippi Region.

The Upper Mississippi Region of the Soil Conservation Service comprises Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin. The regional office is located at 809 N. Broadway, Milwaukee 2, Wis.

Anchoring Farmlands in the Ohio Valley Region. 20 pp. Slightly revised 1938. 5¢.

Conserving Corn Belt Soil. Farmers' Bul. 1795. 59 pp. 1937. 15¢.

Farms the Rains Can't Take. Misc. Pub. 394. 14 pp. 1940. 5¢.

From Ridge to River. 14 pp. 1939. 5¢.

Saving Soil with Sod in the Ohio Valley Region. Farmers' Bul. 1836. 29 pp. 1939. 5¢.

*See p. 3 for free distribution restrictions and instructions on how to purchase.

Soil and Water Conservation Investigations at the Soil Conservation Experiment Station, Missouri Valley Loess Region, Clarinda, Iowa, Progress Report 1931-35. Tech. Bul. 558. 182 pp. 1937. 20¢.*

Soil Losses From Cultivated Strips in Strip-Cropped Fields in the Ohio Valley Region. Cir. 588. 24 pp. 1940. 5¢.

Topsoil: Its Preservation. 22 pp. 1937. (Out of print.)

Use the Land and Save the Soil. 14 pp. 1940. 5¢.*

PHYSICAL LAND SURVEYS.

INDIANA:

Physical Land Conditions on the Leatherwood Creek Demonstration Project, Lawrence County, Indiana. Physical Land Survey 24. 40 pp. 1941. 30¢.*

IOWA:

Physical Land Conditions in Tama County, Iowa. Physical Land Survey 27. 44 pp. 1943. 25¢.*

Physical Land Conditions in the Farmersburg-McGregor Project, Clayton County, Iowa. Physical Land Survey 28. 25 pp. 1942. 10¢.*

MINNESOTA:

Erosion and Related Land Use Conditions in Winona County, Minnesota. Erosion Survey 17. 33 pp. 1941. 20¢.*

MISSOURI:

Physical Land Conditions in Chariton County, Missouri. Physical Land Survey 25. 56 pp. 1942. 15¢.*

OHIO:

Erosion and Related Land Use Conditions on the Muskingum River Watershed, Ohio. Erosion Survey 7. 36 pp. 1939. \$1.00.*

Physical Land Conditions in Muskingum and Guernsey Counties, Ohio. Physical Land Survey 32. (In press.)

Western Gulf Region.

The Western Gulf Region of the Soil Conservation Service comprises Arkansas, Louisiana, Oklahoma, and Texas. The address of the regional office is P. O. Box 1898, Fort Worth 1, Tex.

Blue Grama Grass for Erosion Control and Range Reseeding in the Great Plains and a Method of Obtaining Seed in Large Lots. Cir. 402. 8 pp. 1936. (Out of print.)

Conservation Farming for the Hard Lands of the Southern Great Plains. 27 pp. 1941. 15¢.

Conservation Farming for the Sandy Lands of the Southern Great Plains. 25 pp. 1941. 10¢.

Conservation Practices for the Range Lands of the Southern Great Plains. 32 pp. 1941. 15¢.

The Cotton-and-Tobacco South. Misc. Pub. 474. 20 pp. 1941. 10¢.

Crops Against the Wind on the Southern Great Plains. Farmers' Bul. 1833. 74 pp. 1939. 10¢.*

Emergency Wind-Erosion Control. Cir. 430. 11 pp. 1937. 5¢.

Erosion and Its Control in Oklahoma Territory. Misc. Pub. 301. 48 pp. 1938. 15¢.*

Farming for Greater Production of War Crops in the Intermountain and Southwestern Country. Misc. Pub. 517. 10 pp. April 1943. 5¢.

Improving Range Conditions for Wartime Livestock Production. Farmers' Bul. 1921. 18 pp. 1942. 10¢.

Investigations in Erosion Control and Reclamation of Eroded Land at the Red Pains Conservation Experiment Station, Guthrie, Okla., 1930-40. Tech. Bul. 837. 94 pp. 1943. 20¢.*

Investigations in Erosion Control and Reclamation of Eroded Land at the Blackland Conservation Experiment Station, Temple, Tex., 1931-1941. Tech. Bul. 859. 108 pp. 1944. 20¢.*

Land Facts on the Southern Plains. Misc. Pub. 334. 22 pp. 1939. 30¢.*

Native and Adapted Grasses for Conservation of Soil and Moisture in the Great Plains and Western States. Farmers' Bul. 1812. 44 pp. 1939. 10¢.

Plowing for Terrace Maintenance in the South. 10 pp. 1940. 5¢.

Preventing Soil Blowing on the Southern Great Plains. Prepared by Bureau of Plant Industry for the Soil Conservation Service. Farmers' Bul. 1771. 29 pp. 1937. 5¢.

*See p. 3 for free distribution restrictions and instructions on how to purchase.

Problem-Area Groups of Land in the Southern Great Plains. 40 pp. 1939. 30¢. (For sale only.)*

Range Conservation Practices for the Great Plains. Misc. Pub. 410. 21 pp. 1940. 10¢.

Sand-Dune Reclamation in the Southern Great Plains. Farmers' Bul. 1825. 13 pp. 1939. 5¢.

Soil Conservation Reconnaissance Survey of the Southern Great Plains Wind-Erosion Area. Tech. Bul. 556. 68 pp. 1937. 25¢.* (Soil conservation survey maps and a summarized map of the Southern Great Plains Wind-Erosion Area were issued for use in conjunction with this bulletin. Maps of the following counties were prepared: *Colorado*—Bent, Prowers, Baca; *Kansas*—Hamilton, Stanton, Grant, Morton, Stevens, Seward; *Oklahoma*—Cimarron, Texas, Beaver; *Texas*—Dallam, Sherman, Hanford, Ochiltree, Hartley, Moore, Oldham, Deaf Smith. \$1.50 per set.)*

Wartime Farming on the Southern Great Plains. Misc. Pub. 496. 10 pp. 1942. 10¢.

PHYSICAL LAND SURVEYS.

ARKANSAS:

Erosion and Related Land Use Conditions on the Illinois Bayou Soil Conservation District. Erosion Survey 18. 46 pp. 1941. 35¢.*

TEXAS:

Erosion and Related Land Use Conditions on the Elm Creek Watershed, Texas. Erosion Survey 4. 20 pp. 1939. 10¢.*

Erosion and Related Land Use Conditions on the Watershed of White Rock Reservoir near Dallas, Texas. Erosion Survey 5. 29 pp. 1939. 20¢.*

Erosion and Related Land Use Conditions on the Lake Crook Watershed, Lamar County, Texas. Erosion Survey 14. 23 pp. 1940. 20¢.*

Northern Great Plains Region.

The Northern Great Plains region of the Soil Conservation Service comprises Kansas, Montana, Nebraska, North Dakota, South Dakota, and Wyoming. The regional office is located in the Post Office Building (Box 713), Lincoln 1, Nebr.

Blue Grama Grass for Erosion Control and Range Reseeding in the Great Plains and a Method of Obtaining Seed in Large Lots. Cir. 402. 8 pp. 1936. (Out of print.)

Emergency Wind-Erosion Control. Cir. 430. 10 pp. 1937. 5¢.

Farming for Greater Production of War Crops in the Intermountain and Southwestern Country. Misc. Pub. 517. 10 pp. 1943. 5¢.

Implements and Methods of Tillage to Control Soil Blowing on the Northern Great Plains and Western States. Farmers' Bul. 1797. 43 pp. 1939. 10¢.

Improving Range Conditions for Wartime Livestock Production. Farmers' Bul. 1921. 18 pp. 1942. 10¢.

Land Use Adjustment in the Spring Creek Area, Campbell County, Wyoming. 15 pp. 1939. 10¢.

Native and Adapted Grasses for Conservation of Soil and Moisture in the Great Plains and Western States. Farmers' Bul. 1812. 44 pp. 1939. 10¢.

Our Soil: Its Wastage, Its Preservation. 21 pp. Revised 1938. (Out of print.)

Range Conservation Practices for the Great Plains. Misc. Pub. 410. 20 pp. 1940. 10¢.

Save Your Soil: Contour Strip Cropping Saves Both Soil and Water. Conservation Folder 1. 1941.

Save Your Soil: Protected Waterways in Cultivated Fields. Conservation Folder 2. 1941.

Save Your Soil: Wildlife and Soil Conservation Go Hand in Hand. Conservation Folder 3. 1941.

Save Your Soil: Range Improvement by Proper Stocking. Conservation Folder 4. 1941.

Save Your Soil: Strip Cropping for Control of Wind Erosion. Conservation Folder 5. 1941.

Save Your Soil: Save Soil, Moisture with Contour Tillage. Conservation Folder 6. 1941.

*See p. 3 for free distribution restrictions and instructions on how to purchase.

- Save Your Soil: Establishing Grass on Unproductive Cultivated Land. Conservation Folder 7. 1942.
- Save Your Soil: Stock-Water Dams in the Northern Great Plains. Conservation Folder 8. 1942.
- Save Your Soil: Stock-Water Dugouts an Aid to Range Management. Conservation Folder 9. 1942.
- Save Your Soil: Water Spreading and Flood Irrigation. Conservation Folder 10. 1942.
- Save Your Soil: Developing Springs to Furnish Water for Livestock. Conservation Folder 11. 1942.
- Save Your Soil: Tree Shelterbelts or Windbreaks Helpful on the Northern Great Plains. Conservation Folder 12. 1942.
- Save Your Soil: Protection and Care of Farm Woods. Conservation Folder 13. 1942.
- Save Your Soil: Tree Planting to Stabilize Gullies and Stream Banks. Conservation Folder 14. 1942.
- Selected Problems in the Law of Water Rights in the West. Misc. Pub. 418. 513 pp. (Out of print.)
- Snow Surveying. Misc. Pub. 380. 46 pp. 1940. 10¢.*
- Soil and Water Conservation in the Northern Great Plains. 19 pp. 1937. 10¢.
- Toward Soil Security on the Northern Great Plains. Farmers' Bul. 1864. 78 pp. 1941. 15¢.
- Wartime Farming on the Northern Great Plains. Misc. Pub. 497. 20 pp. 1942. 10¢.

PHYSICAL LAND SURVEYS.

KANSAS:

- Erosion and Related Land Use Conditions on the West Taup National Demonstration Project, Kansas. Erosion Survey 21. 25 pp. 1941. 20¢.*

MONTANA:

- Erosion and Related Land Use Conditions on the Froid Demonstration Project, Montana. Erosion Survey 1. 28 pp. 1938. 25¢.*

NEBRASKA:

- Erosion and Related Land Use Conditions on the Box Elder Creek Project, Nebraska. Erosion Survey 22. 34 pp. 1941. 20¢.*

NORTH DAKOTA:

- Erosion and Related Land Use Conditions on the Minot Area, North Dakota. Erosion Survey 3. 37 pp. 1938. 65¢.*

SOUTH DAKOTA:

- Physical Land Conditions in the Brown-Marshall Soil Conservation District, South Dakota. Physical Land Survey 29. 25 pp. 1942. 20¢.*

Southwestern Region.

The Southwestern Region of the Soil Conservation Service comprises Arizona, Colorado, New Mexico, and Utah. The regional office is located in the Occidental Hotel Building, Broadway and Central, Albuquerque, N. Mex.

- Blue Grama Grass for Erosion Control and Range Reseeding in the Great Plains and a Method of Obtaining Seed in Large Lots. Circ. 402. 8 pp. 1936. (Out of print.)

- Climate and Accelerated Erosion in the Arid and Semi-Arid Southwest, with Special Reference to the Polacca Wash Drainage Basin, Arizona. Tech. Bul. 808. 134 pp. 1942. 55¢.*

- Conservation Farming for the Hard Lands of the Southern Great Plains. 27 pp. 1941. 15¢.

- Conservation Farming for the Sandy Lands of the Southern Great Plains. 25 pp. 1941. 10¢.

- Conservation Practices for the Range Lands of the Southern Great Plains. 32 pp. 1941. 15¢.

- Crops Against the Wind on the Southern Great Plains. Farmers' Bul. 1833. 74 pp. 1939. 10¢.

- Emergency Wind-Erosion Control. Cir. 430. 11 pp. 1937. 5¢.

- Erodibility Investigations on Some Soils of the Upper Gila Watershed. Tech. Bul. 794. 32 pp. 1941. 10¢.*

*See p. 3 for free distribution restrictions and instructions on how to purchase.

Farming for Greater Production of War Crops in the Intermountain and Southwestern Country. Misc. Pub. 517. 10 pp. 1943. 5¢.

Improving Range Conditions for Wartime Livestock Production. Farmers' Bul. 1921. 18 pp. 1942. 10¢.

Land Facts on the Southern Plains. Misc. Pub. 334. 22 pp. 1939. 30¢.*

Native and Adapted Grasses for Conservation of Soil and Moisture in the Great Plains and Western States. Farmers' Bul. 1812. 44 pp. 1939. 10¢.

Problem-Area Groups of Land in the Southern Great Plains. 40 pp. 1939. 30¢.* (For sale only.)

Range Conservation Practices for the Great Plains. Misc. Pub. 410. 21 pp. 1940. 10¢.

Range and Livestock Production Practices in the Southwest. Misc. Pub. 529. 20 pp. 1943. 10¢.*

Regrassing for Soil Protection in the Southwest. Farmers' Bul. 1913. 60 pp. 1942. 15¢.

Snow Surveying. Misc. Pub. 380. 46 pp. 1940. 10¢.

Soil Defense of Range and Farm Lands in the Southwest. Misc. Pub. 338. 51 pp. 1939. 10¢.

Wartime Farming on the Southern Great Plains. Misc. Pub. 496. 10 pp. 1942.

PHYSICAL LAND SURVEYS.

COLORADO:

Physical Land Conditions in the Western and Southeastern Baca County Soil Conservation Districts, Colorado. Physical Land Survey 30. (In press.)

Pacific Region.

The Pacific Region of the Soil Conservation Service comprises California, Idaho, Nevada, Oregon, and Washington. The regional office is located in the Pacific Building (Box 671), Portland 7, Ore.

Blue Grama Grass for Erosion Control and Range Reseeding in the Great Plains and a Method of Obtaining Seed in Large Lots. Cir. 402. 8 pp. 1936. (Out of print.)

Controlling Coastal Sand Dunes in the Pacific Northwest. Cir. 660. 46 pp. 1942. 10¢.

Erosion Losses from a 3-day California Storm. 22 pp. 1939. 5¢.

Effect of Accelerated Erosion on Silting in Morena Reservoir, San Diego County, California. Tech. Bul. 639. 22 pp. 1939. 30¢.*

Farming for Greater Production of War Crops in the Intermountain and Southwestern Country. Misc. Pub. 517. 10 pp. 1943. 5¢.

Food for Freedom by Better Range-Conservation Practices in the Pacific Northwest. Misc. Pub. 514. 19 pp. 1943. 10¢.

Help the Land, Help the War. 24 pp. 1939. 10¢.

Improving Range Conditions for Wartime Livestock Production. Farmers' Bul. 1921. 18 pp. 1942. 10¢.

Investigations of Erosion Control and the Reclamation of Eroded Land at Palouse Soil Conservation Experiment Station, Pullman, Washington, 1931-1942. Tech. Bul. 860. (In press.)

Native and Adapted Grasses for Conservation of Soil and Moisture in the Great Plains and Western States. Farmers' Bul. 1812. 44 pp. 1939. 10¢.

Range Conservation Practices for the Great Plains. Misc. Pub. 410. 21 pp. 1940. 10¢.

Snow Surveying. Misc. Pub. 380. 46 pp. 1940. 10¢.

Soil Defense in the Pacific Southwest. Farmers' Bul. 1848. 55 pp. 1940. 15¢.

Soil and Water Conservation in the Pacific Northwest. Farmers' Bul. 1773. 58 pp. July 1937. 10¢. (For sale only.)

PHYSICAL LAND SURVEYS.

CALIFORNIA:

Physical Land Conditions in the San Mateo County Soil Conservation District, California. Physical Land Survey 33. 36 pp. 1943. 45¢.

OREGON:

Erosion and Related Land Use Conditions on the Chehalem Mountain Demonstration Project, Oregon. Erosion Survey 20. 37 pp. 1941. 20¢.*

*See p. 3 for free distribution restrictions and instructions on how to purchase.

PHYSICAL LAND SURVEYS

The publications in this series contain text dealing with the physical characteristics and the land capability of the surveyed areas. The detailed maps (on a scale of 2 or 4 inches to the mile) accompanying the reports show land capability; soil, slope, and erosion conditions; and land use at the time of the survey. The local Soil Conservation Service office supplies farmers and landowners within the surveyed area with the report and maps covering their farms. Other free distribution is restricted to agricultural offices and workers, libraries and educators.*

NOTE TO LIBRARIES.—This series was issued in 1938 under the title "Erosion and Related Land Use Conditions." No series and numbers were shown on the first eleven reports, but when Erosion Survey No. 12 (the first report to show a series name and number) was released, an erosion survey number was assigned to the eleven earlier reports, based on their release dates. Physical Land Survey No. 23, which followed Erosion Survey No. 22, is in direct continuity of this series, which will continue to be known as Physical Land Surveys and to bear successive numbers.

ARKANSAS:

Illinois Bayou Soil Conservation District, Pope County. Erosion Survey 18. 46 pp. 1941. 35¢.*

CALIFORNIA:

San Mateo County Soil Conservation District. Physical Land Survey 33. 36 pp. 1943. 45¢.*

COLORADO:

Baca County, Western and Southeastern Soil Conservation Districts, Physical Land Survey 30. (In press.)

CONNECTICUT:

Scantic River Watershed, Connecticut-Massachusetts. Erosion Survey 6. 27 pp. 1939. 15¢.*

GEORGIA:

Clarke County. Physical Land Survey 35. (In press.)

Greene County. Erosion Survey 23. 53 pp. 1941. 40¢.*

Lloyd Shoals Reservoir Watershed. Erosion Survey 10. 26 pp. 1940. 35¢.*

Polk County. Physical Land Survey 34. (In press.)

INDIANA:

Leatherwood Creek Demonstration Project, Lawrence County. Physical Land Survey 24. 40 pp. 1941. 30¢.*

IOWA:

Farmersburg-McGregor Project, Clayton County. Physical Land Survey 28. 25 pp. 1942. 10¢.*

Tama County. Physical Land Survey 27. 44 pp. 1943. 25¢.*

KANSAS:

West Tany Creek Demonstration Project, Douglas and Franklin Counties. Erosion Survey 21. 25 pp. 1941. 20¢.*

MAINE:

Presque Isle Demonstration Project. Erosion Survey 19. 38 pp. 1941. 20¢.*

MASSACHUSETTS:

Scantic River Watershed, Connecticut-Massachusetts. Erosion Survey 6. 27 pp. 1939. 15¢.*

*See p. 8 for free distribution restrictions and instructions on how to purchase.

MINNESOTA:

Winona County. Erosion Survey 17. 33 pp. 1941. 20¢.*

MISSISSIPPI:

Hell and Mud Creeks Demonstration Project. Erosion Survey 12. 25 pp. 1940. 10¢.*

MISSOURI:

Chariton County. Physical Land Survey 25. 56 pp. 1942. 15¢.*

MONTANA:

Froid Demonstration Project, Roosevelt County. Erosion Survey 1. 28 pp. 1938. 25¢.*

NEBRASKA:

Box Elder Creek Project, Douglas County. Erosion Survey 22. 34 pp. 1941. 20¢.*

NEW YORK:

Schuyler County. Physical Land Survey 31. (In press.)

NORTH CAROLINA:

Lake Michie Watershed, near Durham. Erosion Survey 11. 19 pp. 1940. 15¢.*

Reedy Fork Demonstration Area, Guilford County. Erosion Survey 2. 21 pp. 1938. 10¢.*

University Lake Watershed, Chapel Hill. Erosion Survey 8. 16 pp. 1939. 25¢.*

NORTH DAKOTA:

Minot Area, McHenry, Bottineau, Ward, and Renville Counties. Erosion Survey 3. 37 pp. 1938. 65¢.*

OHIO:

Muskingum Watershed. Erosion Survey 7. 36 pp. 1939. \$1.00.*

Muskingum and Guernsey Counties. Physical Land Survey 32. (In press.)

OREGON:

Chehalem Mountain Demonstration Project, Yamhill and Washington Counties. Erosion Survey 20. 37 pp. 1941. 20¢.*

PENNSYLVANIA:

Conestoga Area. Erosion Survey 15. 52 pp. 1940. 40¢.*

Crooked Creek Project, near Indiana. Erosion Survey 16. 35 pp. 1940. 20¢.*

SOUTH CAROLINA:

Spartanburg Municipal Reservoir. Erosion Survey 9. 16 pp. 1940. 20¢.*

SOUTH DAKOTA:

Brown-Marshall Soil Conservation District. Physical Land Survey 29. 25 pp. 1942. 20¢.*

TEXAS:

Elm Creek Watershed, near Temple. Erosion Survey 4. 20 pp. 1939. 10¢.*

Lake Crook Watershed, Lamar County. Erosion Survey 14. 23 pp. 1940. 20¢.*

White Rock Reservoir Watershed, near Dallas. Erosion Survey 5. 29 pp. 1939. 20¢.*

VERMONT:

Mad River Watershed. Erosion Survey 13. 31 pp. 1940. 25¢.*

*See p. 3 for free distribution restrictions and instructions on how to purchase.

COOPERATIVE PUBLICATIONS

The Soil Conservation Service cooperated with other agencies in the preparation and publication of the following bulletins and reports:

Conserving Farm Lands: Planning for Soil-Erosion Control, Water Conservation, and Efficient Land Use (Organized Teaching Material). Vocational Division Bulletin No. 201. Office of Education, Federal Security Agency, in cooperation with the Soil Conservation Service. 104 pp. 1939. 30c. (For sale only.)

Contour Farming Boosts Yields: A Farmer's Guide in Laying out Key Contour Lines and Establishing Grassed Waterways. U. S. Department of Agriculture. 5 pp. AWI-23. 1943.

Contoured Acres Fight. U. S. Department of Agriculture. 15 pp. 1943.

First Things First: A Call for Immediate Enlistment in Soil Conservation. U. S. Department of Agriculture. 6 pp. AWI-22. 1943.

The Future of the Great Plains. Report of the Great Plains Committee. (Also House Doc. 144, 75th Cong., 1st sess.) 194 pp. 1936. 50c. (For sale only.)

Headwaters: Control and Use. Report of Proceedings of the Upstream Engineering Conference held in Washington, D. C., on September 22 and 23, 1936. Soil Conservation Service and Forest Service with the cooperation of the Rural Electrification Administration. 261 pp. 1937. \$1.00.*

Influences of Vegetation and Watershed Treatments on Run-off, Silting, and Stream Flow. Forest Service and Soil Conservation Service. Misc. Pub. 397. 80 pp. 1940. 15c.

The Land in Flood Control. Office of Land Use Coordination. Misc. Pub. 331. 38 pp. 1938. 10c. (For sale only.)

Little Waters: Their Use and Relations to the Land. Soil Conservation Service, Resettlement Administration (now Farm Security Administration), and Rural Electrification Administration. 82 pp. Revised 1936. 30c. (For sale only.)

Selected Problems in the Law of Water Rights in the West. Prepared by Division of Irrigation, Soil Conservation Service, for use by bureaus engaged in the water-facilities program of the Department of Agriculture. Misc. Pub. 418. 513 pp. (Out of print.)

Soils and Men. 1938 Yearbook of Agriculture. 1,232 pp. \$1.75. (For sale only.)

Strip Cropping for Bigger Yields. U. S. Department of Agriculture. 6 pp. AWI-21. 1943.

Range and Livestock Production Practices in the Southwest. U. S. Department of Agriculture and U. S. Department of the Interior, in cooperation with the New Mexico College of Agriculture and Mechanic Arts and the University of Arizona. Misc. Pub. 529. 20 pp. 1943. 10c.*

*See p. 3 for free distribution restrictions and instructions on how to purchase.

CONSERVATION CHARTS AND POSTERS

This series of conservation charts and posters was prepared primarily for educational purposes. Free distribution is restricted to agricultural and educational cooperators, schools and libraries. Requests for free copies should call for shipment to official agricultural or educational addresses. Students and others who want personal copies may purchase them from the Superintendent of Documents.*

Conservation Charts.

Chart No.

1. Soil Erosion—Cause and Effect. 19 x 24 inches. (Out of print.)
2. Contour Farming for Soil and Water Conservation. 19 x 24 inches. (Out of print.)
3. Strip Cropping—An Erosion Control Practice. 19 x 24 inches. 5¢.*
4. Terraces for Erosion Control. 19 x 24 inches. 5¢.*
5. Cover Crops Protect Soil. 19 x 24 inches. 5¢.*
6. Gully Control. 19 x 24 inches. 5¢.*
7. Saving Soil and Water on Pasture Lands. 19 x 24 inches. 5¢.*
8. Trees and Shrubs for Erosion Control. 19 x 24 inches. (Out of print.)
9. Wildlife—A Safe Use for Erodible Land. 19 x 24 inches. 5¢.*
10. Farm Ponds. 19 x 24 inches. 5¢.*
11. Soil Management Program for Cropland. 36 x 36 inches. 10¢.*
12. Effect of Cropping Plan on Soil Losses. 36 x 36 inches. 10¢.*
13. Story of Three Corn Fields and the Soil They Lost Per Acre Each Year. 36 x 36 inches. 10¢.*
14. Improve Pastures—Safeguard Soil, Produce More Protein. 36 x 36 inches. 10¢.*
15. Financial Insecurity Follows Erosion of the Soil. 36 x 36 inches. 5¢.*
16. Erosion Control Starts with an Inventory of Farm Resources. 36 x 36 inches. 5¢.*
17. Soil Conservation Calls for Long Time Planning. 36 x 36 inches. 5¢.*
18. Locust Reclaims Gullied Area Within Three Growing Seasons. 13 x 19 inches. 5¢.*
19. Contour Furrows. 16½ x 24 inches. 5¢.*
20. Winter Cover Saves Soil. 16½ x 22 inches. 5¢.*
21. Soil Erosion Destroyed This Community. 18 x 22 inches. 5¢.*
22. Wind Erosion in the Great Plains. 19 x 24 inches. (Out of print.)
23. Vegetative Cover for Wind Erosion Control. 19 x 24 inches. 5¢.* (Out of print.)
24. Water Conservation in the Great Plains. 19 x 24. (Out of print.)
25. Conserving Range Lands of the Great Plains. 19 x 24 inches. (Out of print.)
26. Hillside Orchards Need Cover to Protect Soil from Erosion. 19 x 24 inches. 5¢.*
27. Trees Conserve Soil and Water. 19 x 24 inches. 5¢.*
28. Grassland Farming for Soil Conservation. 19 x 24 inches. 5¢.*
29. Grassland Agriculture Is Permanent. 19 x 24 inches. 5¢.*
30. Grass and Legumes Improve the Rotation. 19 x 24 inches. 5¢.*
31. A Grass Economy Is Vital. 19 x 24 inches. 5¢.*
32. If Protected from Fire and Grazing, Forest Cover Affords Many Benefits. 99 x 24 inches. 5¢.*
33. Grazed Woodland Loses Soil and Water—Produces Less Timber, Yields Little Forage. 19 x 24 inches. 5¢.*
34. How Badly Has Erosion Damaged Your Farm? 19 x 24 inches. 5¢.*
35. The Tree and the Soil. 16 x 21 inches. 5¢.*

*See p. 3 for free distribution restrictions and instructions on how to purchase.

Posters.

Conservation Farming Increases Yields Now. 14½ x 20 inches.

Corn Goes to War. 14½ x 20 inches.

Groundwork for Victory. (12 posters on strip cropping, mulching, terracing, contour farming, etc.) Each 14¼ x 20 inches.

Is Your Farming on the Level? 14¼ x 20 inches.

Prevent Fire: Save the Grass, Protect the Soil. 11 x 14 inches.

Soil Conservation is Vital to You. 14 x 19 inches. (A poster prepared for use primarily by libraries, agricultural offices, schools, etc., for displaying on this poster a selection of available bulletins on soil conservation.)

FILM STRIPS

The film strips, prepared by the Soil Conservation Service in cooperation with the Extension Service, consist of a series of pictures on 35 mm. film and are accompanied by explanatory notes for lecture use. They are not loaned but may be purchased at prices ranging from a few cents up to a dollar or so. There is considerable saving on purchases of 10 or more. A price list of available film strips and how they may be purchased can be obtained from the Soil Conservation Service, Division of Information, Washington 25, D. C. If you are accessible to an office of the Service, you may arrange to borrow strips for single showings.

PHOTOGRAPHS AND LANTERN SLIDES

The Soil Conservation Service has in its files thousands of photographs taken in connection with its far-flung activities. Federal and State agencies, educational institutions, and others working for the public interest may obtain a very few of these photographs free for use in their work, but requests from others or for quantities cannot be filled unless payment is received. Ordinary contact prints are furnished at 15 cents each and a price list of other sizes of reproductions, including lantern slides, will be sent to anyone interested. No photographs can be sent on approval or for selection. Neither will the Department of Agriculture furnish reproductions when it is believed that they may be used to show, by implication or otherwise, that the Department endorses any commercial product. The Department also requests that proper credit be given on photographs used for display or publication.

When ordering photographs from Soil Conservation Service bulletins, charts, or film strips, specify the number and title of the publication, chart, or film strip and the figure number, frame number, or other identification of the exact photograph desired. If other photographs are wanted, the Service will make a selection based on the information given by the applicant, but no such photographs may be returned for credit. All orders for photographs or correspondence concerning them should be addressed to the Division of Information, Soil Conservation Service, United States Department of Agriculture, Washington 25, D. C., or to the nearest regional office of the Service. A minimum charge of 25 cents will be made on all sales of photographs. Payment should be made by check or money order payable to the Treasurer of the United States.

MOTION PICTURES

The Soil Conservation Service has made a number of motion pictures in cooperation with the Extension Service, and prints may be borrowed by responsible agencies or persons or they may be purchased outright. Listed below are the films available at the present time. Arrangements for borrowing these films may be made through the regional offices of the Soil Conservation Service or possibly through your State extension service. (Information about loans and purchases of Department of Agriculture motion pictures may be obtained from the Motion Pictures Section, Extension Service, Washington 25, D. C. The cost of prints is about \$7.50 per 16 mm. reel and about \$20 per 35 mm. reel.)

All the following are sound pictures and they can only be run on sound projection equipment. Silent projectors will damage the film. In inquiring about loans or purchases, always indicate whether 16 mm. or 35 mm. prints are desired. It is advisable to make arrangements for loans several weeks in advance of actual need and to list second and third choices in case the first choice cannot be furnished by the time you want it.

A Heritage We Guard. (3 reels, running time about 28 minutes, available in 16 mm. and 35 mm. sound prints only.) This film traces the early exploitation of wild creatures for hides and skins and the decimation of wildlife as their natural homes and food supplies were destroyed by the steady westward movement of the Nation. The film emphasizes the interrelation of man and wildlife and shows how a complete program of soil conservation provides for the preservation of beneficial wild animals, fish, and birds.

The Living Land. (1 reel, running time about 5 minutes, 16 mm. and 35 mm. sound only.) This is a short film best suited for introducing a talk or another motion picture. It shows how the land itself is the source of all the products of farming, how the land is the heritage of successive generations, how one's use of his land determines whether his descendants will inherit it in better or worse condition than when he received it.

Terracing in the Northeast. (1 reel, running time about 10 minutes, 16 mm. or 35 mm. sound only.) Terracing is one important measure for conserving eroding lands in the Northeast. When terracing is combined with contour cultivation and the other phases of a well-rounded soil conservation program, losses of soil and water are reduced to a minimum. The film shows the various steps in building terraces, including fitting the terrace system to the whole farm plan, establishing channels and outlets to handle excess water, laying out terrace lines on the contour, and the actual machine operations.

Roots in the Earth. (2 reels, running time about 20 minutes, 16 mm. and 35 mm. sound only, available in both English and Spanish commentary.) This picture concerns one of the oldest settled groups in the Nation—the people, mainly of Spanish and Mexican origin, who inhabit the upper-Rio Grande. Farm land, range land, and water, once plentiful, are now too scant for their needs. The population constantly increases, and the land grows poorer through overuse. Since a similar situation exists in many other communities, the problem of this people is of interest in every part of the country.

Grassland. (1 reel, running time about 10 minutes, 16 mm. and 35 mm. sound only.) This picture portrays the problem of conserving the soil on the grasslands of the arid Southwest, where multitudes of sheep and cattle graze.

Muddy Waters. (1 reel, running time about 10 minutes, 16 mm. and 35 mm. sound only.) A story of land use and abuse in the Southwest, showing conditions when the white man came, and how his plow, his cattle, and his sheep brought on soil destruction and floods. The film shows how the land can be farmed and grazed without serious erosion damage and flood danger.

Rain on the Plains. (1 reel, running time about 10 minutes, 16 mm. and 35 mm. sound only.) This picture shows the methods used to control wind erosion and conserve moisture in the Southern Great Plains area.

Roads and Erosion. (2 reels, running time about 20 minutes, 16 mm. and 35 mm. sound only.) This film is in sound, but has no music background. It portrays typical erosion problems on roads and ways of preventing them. Highways in different parts of the country are shown, with special attention to roadside planting, the control of water, the protection of cuts, fills, and culverts, and related matters.

Wartime Farming in the Corn Belt. (1 reel, running time about 10 minutes, 16 mm. and 35 mm. sound only.) A timely picture which traces the growth and importance of the Corn Belt region in American agriculture. It points out how during World War I and in the years immediately following, Corn Belt products were shipped throughout the world and played an important part in rebuilding the starved countries. During this period of intensive production little consideration was given to the soil, the basic resources upon which agricultural production depends. In those years and the ones immediately following, erosion increased at an alarming rate, causing a decline in crop yields and land values at a time when the Nation was entering its worst depression and followed a period during which soil conservation practices were demonstrated and put into operation on the fields in this area with the result that now, in World War II, the soil of the Corn Belt is better able to provide the enormous quantities of food and fibers needed. This huge production program is being carried forward through the use of conservation-farming methods.

